



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,762	12/16/2003	Chun Hsiang Wang	FP9825	3365
52981	7590	10/25/2005	EXAMINER	
LEONG C LEI			GREENE, JASON M	
PMB # 1008			ART UNIT	
1867 YGNACIO VALLEY ROAD			PAPER NUMBER	
WALNUT CREEK, CA 94598			1724	

DATE MAILED: 10/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/735,762

Applicant(s)

WANG, CHUN HSIANG

Examiner

Jason M. Greene

Art Unit

1724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-4 is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 December 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.84(h) because Fig. 7 contains a center line. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

2. The disclosure is objected to because of the following informalities: The phrase "engaging slot 40" at page 3, lines 5-6 should be changed to "engaging slot 46" to correct an apparent typographical error.

Appropriate correction is required.

Claims

3. With regard to claims 1-4, the Examiner suggests Applicants insert the word "a" between the words "holding" and "filtering" to improve the readability of the claim language.

4. Claim 1 recites the phrase "the middle section of the inner face of the binding mount" in line 5. However, the claim does not previously recite the binding mount having an inner face or the inner face having a middle section. Accordingly, the Examiner suggests Applicants rewrite the phrase "a middle section of an inner face of the binding mount" to provide improved antecedent basis. Similarly, claim 1 also recites the phrase "the top edge of the inner face of the holding plate" in lines 10. Since the claim fails to previously recite the holding plate having an inner face or the inner face having a top edge, the Examiner suggests Applicants rewrite the phrase as "a top edge of an inner face of the holding plate" to provide improved antecedent basis. The Examiner notes that phrases "the inner face of the binding mount" and "the inner face of the holding

Art Unit: 1724

plate” have been interpreted as being the face of the binding mount and the face of the holding plate, respectively, facing the engaging slot.

5. With regard to claim 1, the Examiner suggests Applicants rewrite the phrase “are recessed fastening slot” as “have recessed fastening slots” to improve the readability of the claim language.

6. The Examiner has interpreted the phrase “the middle section of the inner face of the binding mount is provided with a holding plate protruded as one unit” to mean that the binding mount and holding plate as formed as a formed as an integral one-piece structure. Furthermore, since the term “protruded” is not generally associated with any specific manufacturing techniques and since the disclosure is silent as to the specific techniques meant to be encompassed by the term, the Examiner has interpreted the term as meaning that the integral binding mount and holding plate can be formed using any known production method.

7. With regard to claim 1, the Examiner has interpreted the phrase “the binding mount corresponding to the engaging slot” in lines 8-9 and 10-11 as being an upper portion of the binding mount adjacent the engaging slot. If this interpretation is correct, the Examiner suggests Applicants amend the claim accordingly to improve antecedent basis and to improve readability of the claim language. In particular, the Examiner suggests Applicants amend the phrase “the binding mount” to read “a portion of the

Art Unit: 1724

binding mount", or something similar, to make it clear that the securing seat has only a single binding mount.

8. Claim 1 recites the phrase "the inner face at the lower section of the binding mount, adjacent to the external bottom edge of the holding plate" in lines 13-14. Since the claim fails to previously recite the binding mount having a lower section or holding plate having an external bottom edge, the Examiner suggests Applicants rewrite the phrase as "the inner face at a lower section of the binding mount, adjacent to an external bottom edge of the holding plate" to provide improved antecedent basis. Furthermore, the Examiner notes that the phrase "the external bottom edge of the holding plate" has been interpreted as being a bottom edge of the holding plate facing away from the engaging slot.

9. Claim 1 recites the phrase "the engaging slot" in line 15. However, it appears as though the phrase should read as "the recessed engaging slot". Specifically, claim 1 recites the securing seat having both an "engaging slot" for engaging with the filtering cylinder and a "recessed engaging slot" formed in the binding mount. Since the slot recited in the middle of line 15 engages a portion of the cylinder body, the slot should be recited as "the recessed engaging slot" and not "the engaging slot". If this treatment is correct, the Examiner suggests Applicants amend the claim accordingly.

Art Unit: 1724

10. Claim 1 recites the phrase “the folded edge formed on the holding section of the cylinder body” in line 16. Since the claim does not previously recite a cylinder body, the cylinder body having a holding section, or the holding section having a folded edge, the Examiner suggests Applicants rewrite the phrase as “a folded edge formed on a holding section of a cylinder body” to provide improved antecedent basis. The Examiner further notes that “the cylinder body” has been interpreted as a cylinder body to which the securing seat for holding a filtering cylinder is attached.

11. Claim 3 recites the phrase “the circumferential face of the binding mount of the securing seat corresponding to the engaging slot” in lines 2-3. Since the claim fails to previously recite the binding mount having a circumferential face, the Examiner suggests rewriting the phrase “the circumferential face” as “a circumferential face” to provide improved antecedent basis. Furthermore, the Examiner notes that the phrase “the circumferential face of the binding mount of the securing seat corresponding to the engaging slot” has been interpreted to be an inwardly directed upper circumferential face of the binding mount adjacent the engaging slot.

12. With regard to claim 4, the Examiner suggests Applicants rewrite the phrase “of any one of claims 1” as “of claim 1” to improve the readability of the claim language since only a single previous claim is referred to. Additionally, since only a single prior claim is referred to, claim 4 has not been treated as a multiple dependent claim.

Allowable Subject Matter

13. Claims 1-4 are allowed.

14. The following is a statement of reasons for the indication of allowable subject matter:

Vandenberghe et al. (U.S. Patent 6,833,023 B1) discloses a securing seat (annular flange 88) for holding a filtering cylinder (16) of a dust collector comprising a binding mount (the inner portion of annular flange 88) and a binding belt (hose clamp 94), the binding mount being adapted for the filtering cylinder and the binding mount being mountable to the body of the filtering cylinder, characterized in that a middle section of the inner face of the binding mount is provided with a holding plate (the outer portion of annular flange 88) protruded as one unit, and an engaging slot (the upwardly facing slot formed between the inner and outer portions of flange 88) is formed between the holding plate and the binding mount for engaging with the filtering cylinder, and the binding belt (94) binds the binding mount onto a cylinder body (base end portion 80 of base 22) in Figs. 1, 2 and 6-8 and col. 4, line 20 to col. 7, line 43.

The prior art made of record does not teach or fairly suggest the securing seat of claim 1 wherein a portion of the binding mount corresponding the engaging slot and a top edge of an inner face of the holding plate are respectively provided with a lid, the portion of the binding mount corresponding to the engaging slot and a bottom edge of

Art Unit: 1724

the inner face of the holding plate have recessed fastening slots, or the inner face at a lower section of the binding mount, adjacent to an external bottom edge of the holding plate, is formed into a recessed engaging slot, wherein the recessed engaging slot is for the engagement of a folded edge on a holding section of a cylinder body.

Conclusion

15. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Le et al., Ng-Gee-Quan, Fornof et al., Bartholome, Robinson, Lowther et al., Walker, Jr. and Sims references disclose similar sealing seats.

16. This application is in condition for allowance except for the above noted formal matters.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason M. Greene whose telephone number is (571)

Art Unit: 1724

272-1157. The examiner can normally be reached on Monday - Friday (9:00 AM to 5:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on (571) 272-1166. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jason M. Greene
Examiner
Art Unit 1724



jmg
October 21, 2005